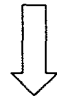


Mix a collagen solution with bioceramic powder and alginate



Spherical droplets are discharged at 4°C

Divalent cation solution, 4°C



Ca-CHES wash, 4°C



Coating of chitosan solution, room temperature



Liquefying and washing out alginate and chitosan, 37°C



Phosphate buffer wash



Microsphere composite is freeze-dried and preserved at -20°C  
or preserved in phosphate buffer saline at 4°C

FIG. 1

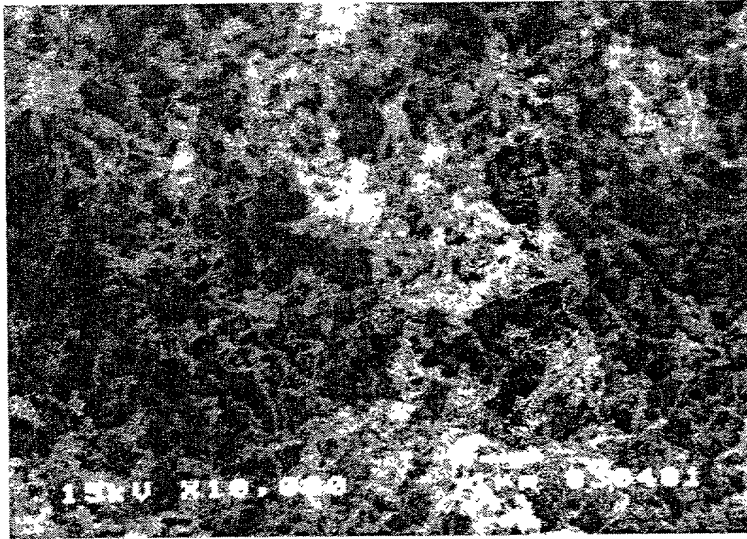


FIG. 2A

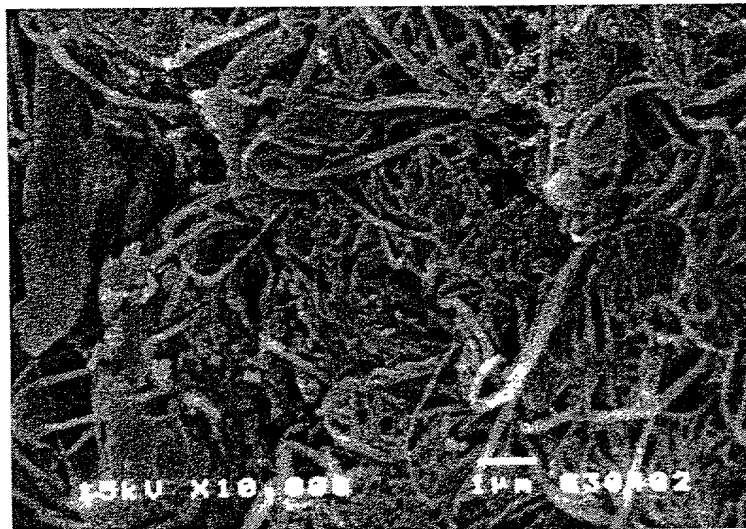


FIG. 2B

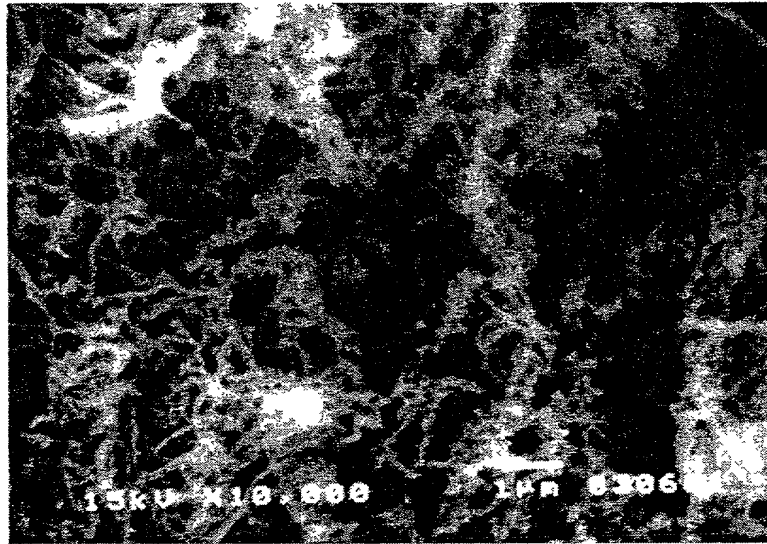


FIG. 2C

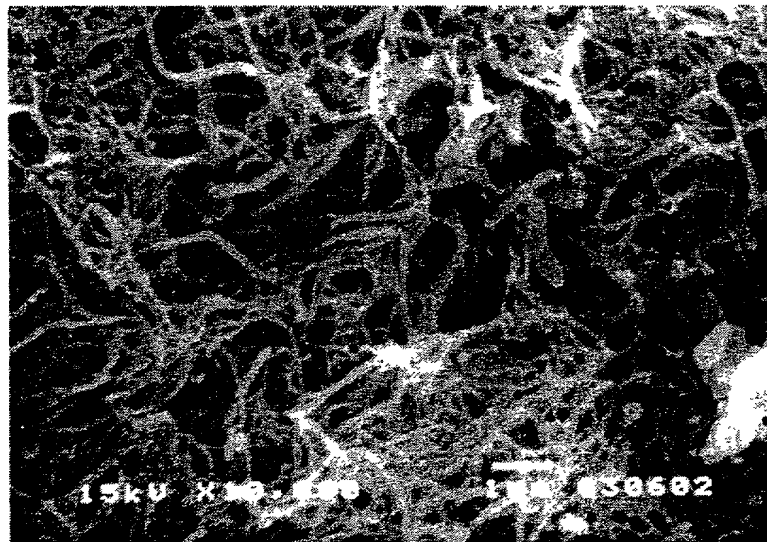


FIG. 2D

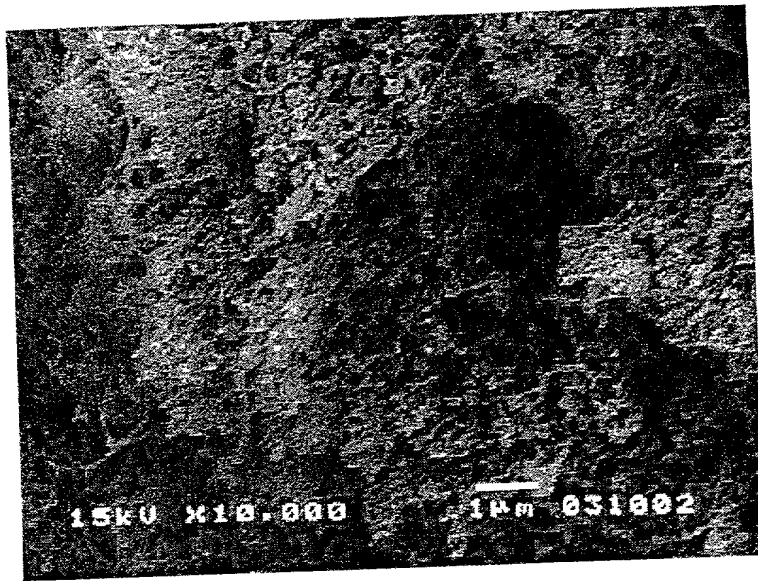


FIG. 3A

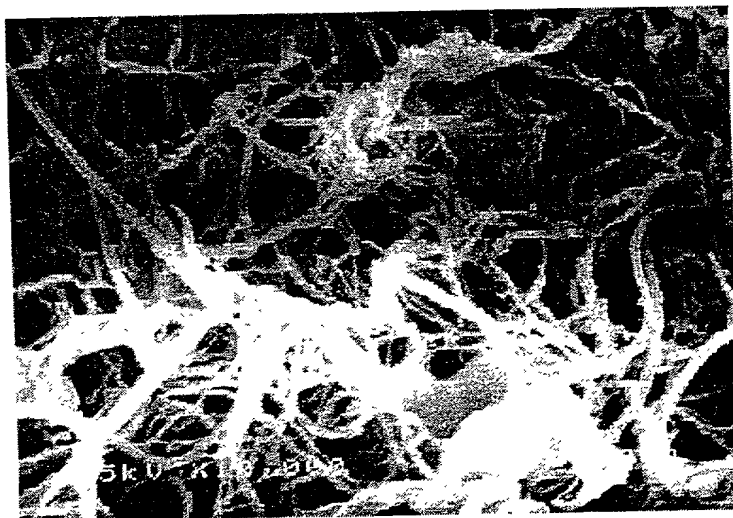


FIG. 3B

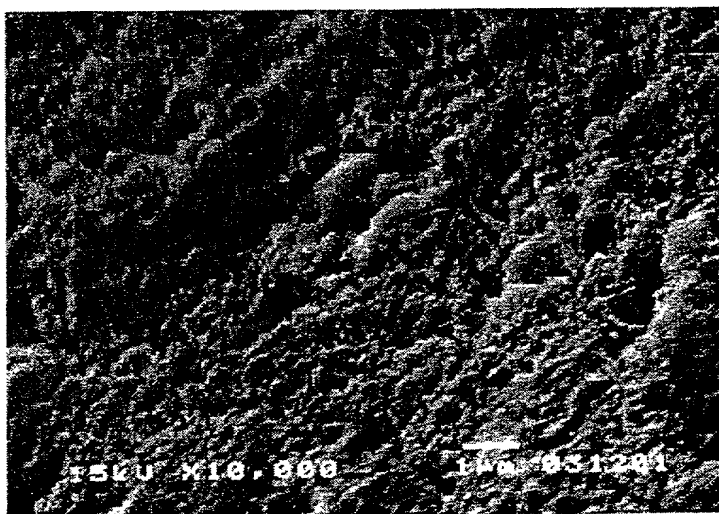


FIG. 3C



FIG. 3D